

Product Information



SARANEX 114

Coextruded Barrier Film

SARANEX® 114 coextruded barrier film is a five-layer clear film of linear low density polyethylene (LLDPE)/tie/Saran® resin/tie/LLDPE structure.

Available in customized slit widths.

Physical Properties		Test Method	Imperial Values	Metric Values
Thickness		ASTM D 374	2 mil	50 µm
Yield (Area Factor)		ASTM D 4321	13,568 in²/lb	19.3 m²/kg
Ultimate Tensile Strength	MD	ASTM D 882	2465 psi	17 N/mm²
	TD		2175 psi	15 N/mm²
Tensile Elongation at Break	MD	ASTM D 882	350%	350%
	TD		380%	380%
Heat Seal Strength, 2 Bar, 1.5 sec, 356°F (180°C)	MD	ASTM F 88	3.1 lb/in seal width	14 N/25.4 mm seal width
	TD		2.5 lb/in seal width	13 N/25.4 mm seal width
Oxygen Transmission Rate, 73°F (23°C)		ASTM D 3985	0.5 cm³/100 in²/day/atm	8 cm³/m²/day/atm
Water Vapor Transmission Rate, 100°F (38°C), 90% RH		ASTM E 398	0.2 g/100 in²/day	3.0 g/m²/day
Coefficient of Friction (kinetic)		ASTM D 1894	0.08-0.30	0.08-0.30
Corona Treatment		ASTM D 2578	38 dyn/cm	38 dyn/cm

(1) Values are typical laboratory averages. They are intended as guides only and are not sales specifications.

- See "Handling Considerations" reverse side.

